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Manfrotto 585

Manfrotto 585 ModoSteady 3-in-1 Camera/Camcorder Stabilizer and Support System User Manual

Model: 585

1. Product Overview

The Manfrotto 585 ModoSteady is a versatile 3-in-1 system designed to provide stable support for lightweight cameras and camcorders. It integrates three distinct functionalities into a single, ergonomic unit: a shoulder support, a counterbalancing stabilizer, and a table tripod. This design aims to enhance image quality by reducing shake and providing flexible shooting options.

The ModoSteady features a bi-injected foot that serves as a shoulder pad, allowing the device to become an extension of the user's body for comfortable support. Its counterbalancing stabilizer mode requires careful adjustment to match the weight and center of gravity of the attached camera, ensuring smooth motion capture. Additionally, the extension arm can be folded, and the handle opened to transform the unit into a stable table tripod, suitable for both video and still photography.



Figure 1.1: Manfrotto 585 ModoSteady main unit.

2. Setup and Assembly

2.1 Attaching Your Camera/Camcorder

1. Locate the quick-release plate on the ModoSteady.
2. Ensure the camera mounting screw is aligned with the tripod mount on your camera/camcorder.
3. Securely attach your camera to the quick-release plate by tightening the screw.
4. Slide the quick-release plate with the camera into the receiver on the ModoSteady until it locks into place. Verify it is firmly seated to prevent wobbling.



Figure 2.1: Detail of the camera mounting plate.

2.2 Balancing for Stabilizer Mode

Proper balancing is crucial for effective stabilization. This process involves adjusting the counterweights and the position of the camera on the plate to find the center of gravity.

1. Hold the ModoSteady by the handle in stabilizer mode (extension arm folded, handle open).
2. Adjust the position of the camera on the quick-release plate (if adjustable) and the counterweights until the unit remains level and balanced when held freely. The goal is for the camera to stay in any position you place it without tilting.

3. Use the numbered scale markings on the device to note your balance settings for future reference, especially if using different cameras or lenses.

3. Operating Instructions

3.1 Shoulder Support Mode

To use the ModoSteady as a shoulder support:

1. Extend the main arm of the ModoSteady.
2. Position the bi-injected foot comfortably on your shoulder.
3. Hold the camera with your hands, using the ModoSteady to distribute the weight and provide a stable anchor point against your body. This reduces arm fatigue and minimizes vertical camera shake.

3.2 Counterbalancing Stabilizer Mode

Once balanced (refer to Section 2.2), the ModoSteady can be used for smooth, moving shots:

1. Hold the ModoSteady by its handle, allowing the camera to float freely.
2. Move slowly and deliberately. The counterweights and design help absorb minor movements, providing a more fluid video output compared to handheld shooting.
3. Avoid sudden jerks or rapid changes in direction, as these can disrupt the balance and introduce unwanted motion.

3.3 Table Tripod Mode

For stationary shots or time-lapses:

1. Fold the extension arm completely.
2. Open the bi-injected handle to form a stable three-legged base.
3. Place the ModoSteady on a flat, stable surface.
4. Adjust the camera angle as needed. Note that the pan/tilt lock for the table tripod mode is fixed, meaning tension cannot be adjusted individually for pan or tilt.

4. Maintenance and Care

4.1 Cleaning

- Wipe the unit with a soft, dry cloth after each use to remove dust and debris.
- For stubborn dirt, use a slightly damp cloth with mild soap, then wipe dry immediately.
- Avoid using harsh chemicals or abrasive cleaners, as these can damage the finish and components.

4.2 Storage

- Store the ModoSteady in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure all moving parts are clean and free of obstructions before storage.
- When not in use, it is recommended to keep the unit in its most compact, folded configuration to protect components.

5. Troubleshooting

5.1 Unstable or Jittery Footage in Stabilizer Mode

- **Issue:** Footage appears shaky or jittery despite using the stabilizer.
- **Solution:** Re-check the balance of your camera on the ModoSteady. Ensure the unit is perfectly level when held freely. Adjust counterweights and camera position as needed. Practice slow, deliberate movements to avoid sudden shifts that can disrupt balance.

5.2 Difficulty Attaching/Detaching Camera

- **Issue:** The quick-release plate is difficult to engage or disengage from the main unit.
- **Solution:** Ensure the locking mechanism is fully disengaged before attempting to remove the plate. Apply firm, even pressure when inserting or removing. Do not force the plate; check for any obstructions or misalignment.

5.3 Camera Wobbles or Twists on Quick-Release Plate

- **Issue:** The camera is not securely fixed to the quick-release plate and exhibits movement.
- **Solution:** Ensure the camera mounting screw is fully tightened. Verify that the camera's base is flush against the quick-release plate. If the issue persists, check for any damage to the plate or camera mount.

6. Specifications



Figure 6.1: Manfrotto ModoSteady 585 model identification.

Feature	Detail

Feature	Detail
Model Number	585
Product Dimensions	4.5 x 16 x 8 inches
Item Weight	4 pounds
Manufacturer	Manfrotto
Compatible Devices	Camcorder, Camera
Color	Black
UPC	719821282006

7. Warranty and Support

7.1 Warranty Information

For detailed warranty terms and conditions, please refer to the official Manfrotto website or the documentation provided at the time of purchase. Warranty coverage typically includes defects in materials and workmanship under normal use.

7.2 Customer Support

Should you require further assistance, technical support, or have questions not covered in this manual, please visit the official Manfrotto support page or contact their customer service department. Contact information can typically be found on the Manfrotto website or your product packaging.

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